

New Application

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### ABSTRACT

A method for producing a magnetic head, including the steps of forming a magnetic body on a substrate, the magnetic body including a principal plane facing the substrate and a rear plane opposite to the principal plane; applying a beam to the rear plane of the magnetic body and forming a portion defining a hole extending from the rear plane to the principal plane; forming a magnetic gap in the hole; and separating the magnetic body and the magnetic gap from the substrate and forming medium facing surface substantially coplanar with the principal plane.